

**LAND APPLICATION SITE**

**GARY R. LEWIS**

**DWGRL 1 - 6**

**DINWIDDIE COUNTY**

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 10-15-14 between Gary R. Lewis referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
<u>78-11</u>			
<u>55-30</u>			
<u>55-29E</u>			
<u>69-15</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

GARY R. LEWIS  
Landowner - Printed Name, Title

Gary R. Lewis  
Signature

P.O. Box 392  
McKENNEY, VA 23972  
804-691-8016  
Mailing Address & Phone Number

**Permittee:**

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Stanko  
Permittee - Authorized Representative  
Printed Name

Stanko  
Signature

PO Box 562 Remington, Virginia 22734  
Mailing Address

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: Gary R. Lewis

## Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:
 

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Gary R. Lewis  
Landowner's Signature

10-15-14

Date

P.O. Box 392  
McKENNEY, VA 23872

804-691-8016

Gary R. Lewis  
Farm Operator Signature

Mailing Address & Phone Number

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 10-15-14 between Walter Scott Lewis referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Dinwiddie Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>
<u>55-30</u>			
<u>55-29E</u>			
<u>55-30A</u>			
<u>69-15</u>			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☐ The Landowner is the sole owner of the properties identified herein.  
☒ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids

☒ Yes ☐ No

Water treatment residuals

☒ Yes ☐ No

Food processing waste

☒ Yes ☐ No

Other industrial sludges

☒ Yes ☐ No

WALTER S. LEWIS

Walter S. Lewis

12813 Doyle Rd.

DeWitt, VA 23840

804-691-9306

Landowner - Printed Name, Title

Signature

Mailing Address & Phone Number

**Permittee:**

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Stumbo  
Permittee - Authorized Representative  
Printed Name

Stumbo  
Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: Walter Scott Lewis

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Walter Scott Lewis  
Landowner's Signature

10-15-14

Date

P.O. Box 392  
McKENNEY, VA 23872  
804-691-8016

Gary R. Lewis  
Farm Operator Signature

Mailing Address & Phone Number

**VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION  
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS**

**PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS**

A. This land application agreement is made on 10-8-14 between MARY STUART WEAVER referred to here as "Landowner", and Recyc Systems, Inc, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Dinwiddie, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges			
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
56-7			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

<u>Class B biosolids</u>	<u>Water treatment residuals</u>	<u>Food processing waste</u>	<u>Other industrial sludges</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

MARY STUART WEAVER  
Landowner - Printed Name, Title

Mary Stuart Weaver  
Signature

21108 WESTOVER DRIVE  
MCKENNEY, VA 23872 804-536-0911  
Mailing Address & Phone Number

**Permittee:**

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

[Signature]  
Permittee - Authorized Representative  
Printed Name

[Signature]  
Signature

PO Box 562 Remington, Virginia 22734  
Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc

County or City: Dinwiddie

Landowner: MARY STUART WEAVER

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:
 

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Mary Stuart Weaver

Landowner's Signature

10-8-2014

Date

P.O. Box 392  
McKENNEY, VA 23872

Mary R. Lewis

Farm Operator Signature

804-691-8016

Mailing Address & Phone Number

## Landowner Coordination Form

Permittee: Recyc Systems, Inc.

Site Name: Gary R. Lewis

County or City: Dinwiddie County

Please Print

Signature not required on this page

[illegible]



# FARM DATA SHEET

<b>SITE NAME:</b>	Gary R. Lewis	<b>COUNTY:</b>	Dinwiddie
<b>OWNER:</b>	See List Below	<b>OPERATOR:</b>	Gary R. Lewis
<b>OWNER'S</b>	See List Below	<b>OPERATOR'S</b>	P.O. Box 392
<b>ADDRESS:</b>		<b>ADDRESS:</b>	McKenney, VA 23872
<b>OWNER'S TELEPHONE:</b>	See List Below	<b>OPERATOR'S TELEPHONE:</b>	804-691-8016
<b>GENERAL FARM TYPE:</b>	Hay/Pasture/Row Crop	<b>CELL PHONE:</b>	804-691-8016
<b># CATTLE:</b>	50	<b>EMAIL:</b>	-
<b>LAGOON or SLURRY:</b> None		<b>LATITUDE:</b>	F 1-2 37.069
			F 3-4 37.049
			F 5 36.988
			F 6 37.023
<b>TOPO QUAD:</b> Dewitt, McKenney		<b>LONGITUDE:</b>	F 1-2 -77.666
			F 3-4 -77.683
			F 5 -77.796
			F 6 -77.661
<b>COMMENTS:</b>	<b>METHOD OF DETERMINATION:</b> Online Maps		
Gary R. Lewis P.O. Box 392 McKenney, VA 23872 804-691-8016	Walter Scott Lewis 12813 Doyle Road Dewitt, VA 23840 804-691-8306	Mary Stuart Lewis Weaver 21108 Westover Drive McKenney, VA 23872 804-536-0911	
			BB 10-1-20

# **NEW FIELD CHANGES**

**GARY R. LEWIS**

**DINWIDDIE COUNTY**

---

**NEW FIELD 1 IS OLD FIELD 1.**

**NEW FIELD 2 IS OLD FIELD 2.**

**NEW FIELD 3 IS OLD FIELDS 3 AND 4.**

**NEW FIELD 4 IS OLD FIELD 5.**

**NEW FIELD 5 IS A NEW FIELD.**

**NEW FIELD 6 IS OLD FIELD 6.**

# RECYC SYSTEMS, INC

## FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/ Shallow	Surf/ Leach	Freq Flood			
DWGRL 1	11.8	-	-	-	-	CU 21	56-7	T 642 F 8
DWGRL 2	18.8	-	-	-	-	CU 21	56-7	T 642 F 5, 6, 7
DWGRL 3	69.8	-	-	-	-	CU 21	55-30	T 643 F 2, 3
DWGRL 4N	15.1	-	-	-	-	CU 21	55-30	T 643 F 4
DWGRL 5N	20.4	-	-	-	-	CU 11	78-11	T None F None
DWGRL 6	46.4	-	-	-	-	CU 23	69-15	T 678 F 1, 2
TOTAL ACRES IN SITE	182.3							

3-2-21

THE PLANNER IS NOT STATE CERTIFIED

***Nutrient Management Plan Balance Sheet***  
***(Fall, 2020-Winter, 2022)***  
***Gary R. Lewis***  
***Planner: John Doe***

Tract: 642

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosid Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
8/DWGRL 1(N)	12/12	2020	Fescue grass hay mt.	70-50-95	0/0				70-50-95	N/A			
5, 6, 7/DWGRL 2(N)	19/19	2020	Fescue grass hay mt.	70-50-95	0/0				70-50-95	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 643

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
2, 3/DWGRL 3(N)	70/70	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			
4/DWGRL 4(N)	15/15	2020	Grass Pasture	50-80-80	0/0				50-80-80	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 678

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1, 2/DWGRL 6(N)	46/46	2020 2021	Wheat (grain)	100-60-60 -- -- --	20/0				80-60-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: None Location: Dinwiddie  
 (N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
None/DWGRL 5(N)	20/20	2020	Fescue grass hay mt.	90-80-170	0/0				90-80-170	N/A			

Commercial Application Methods:  
 br - Broadcast ba - Banded sd - Sidedress

Notes:

**Soil Test Summary**

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
642	DWGRL 1	12	[No Test]						
642	DWGRL 2	19	[No Test]						
643	DWGRL 3	70	[No Test]						
643	DWGRL 4	15	[No Test]						
678	DWGRL 6	46	[No Test]						
None	DWGRL 5	20	[No Test]						



### **Field Productivities for Major Crops**

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
642	642/8	DWGRL 1	12	Herndon	IVa	II	III	III	
	642/5, 6, 7	DWGRL 2	19	Herndon	IVa	II	III	III	
643	643/2, 3	DWGRL 3	70	Georgeville	IVa	II	III	II	
	643/4	DWGRL 4	15	Georgeville	IVa	II	III	II	
678	678/1, 2	DWGRL 6	46	Georgeville	IVa	II	III	II	
None	None/None	DWGRL 5	20	Cecil	IVa	II	III	II	

### **Yield Range**

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

## Farm Summary Report

**Plan:**            **New Plan**            **Fall, 2020 - Winter, 2022**

**Farm Name:**    **Gary R. Lewis**

Location:        Dinwiddie

Specialist:       John Doe

N-based Acres: 182.3

P-based Acres: 0.0

**Tract Name:**    **642**

FSA Number:    642

Location:                    Dinwiddie

**Field Name:**        **DWGRL 1**

Total Acres:    11.80    Usable Acres:    11.80

FSA Number:    8

Tract:            642

Location:                    Dinwiddie

Slope Class:    B            Hydrologic Group:    B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

### ***Conservation Practices:***

Pasture (>75% cover)

### ***P-Index Summary***

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

### ***Soil Test Results:***

DATE	PH	P	K	Lab
[NO TEST]				

### ***Soils:***

PERCENT	SYMBOL	SOIL SERIES
---------	--------	-------------

73	10B	Herndon
27	8B	Georgeville

**Field Warnings:**

**Field Name:** DWGRL 2

Total Acres: 18.80 Usable Acres: 18.80

FSA Number: 5, 6, 7

Tract: 642

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**Conservation Practices:**

Pasture (>75% cover)

*P-Index Summary*

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
[NO TEST]				

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
40	8B	Georgeville
60	10B	Herndon

**Field Warnings:**

**Tract Name:** 643

FSA Number: 643

Location: Dinwiddie

**Field Name:** DWGRL 3

Total Acres: 69.80 Usable Acres: 69.80  
FSA Number: 2, 3  
Tract: 643  
Location: Dinwiddie  
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft  
Distance to stream: 0 ft

**Conservation Practices:**

Pasture (>75% cover)

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
[NO TEST]				

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
41	10B	Herndon
59	8B	Georgeville

**Field Warnings:**

**Field Name: DWGRL 4**

Total Acres: 15.10 Usable Acres: 15.10  
FSA Number: 4  
Tract: 643  
Location: Dinwiddie  
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft  
Distance to stream: 0 ft

**Conservation Practices:**

Pasture (&gt;75% cover)

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
	[NO TEST]			

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
59	8B	Georgeville
41	10B	Herndon

**Field Warnings:****Tract Name: 678**

FSA Number: 678

Location: Dinwiddie

**Field Name: DWGRL 6**

Total Acres: 46.40 Usable Acres: 46.40

FSA Number: 1, 2

Tract: 678

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
------	----	---	---	-----

[NO TEST]

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
100	8B	Georgeville

**Field Warnings:**

**Tract Name:** None

FSA Number: None

Location: Dinwiddie

**Field Name:** DWGRL 5

Total Acres: 20.40 Usable Acres: 20.40

FSA Number: None

Tract: None

Location: Dinwiddie

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**Conservation Practices:**

Pasture (>75% cover)

**P-Index Summary**

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K	Lab
[NO TEST]				

**Soils:**

PERCENT	SYMBOL	SOIL SERIES
40	4B	Cecil
60	4C	Cecil

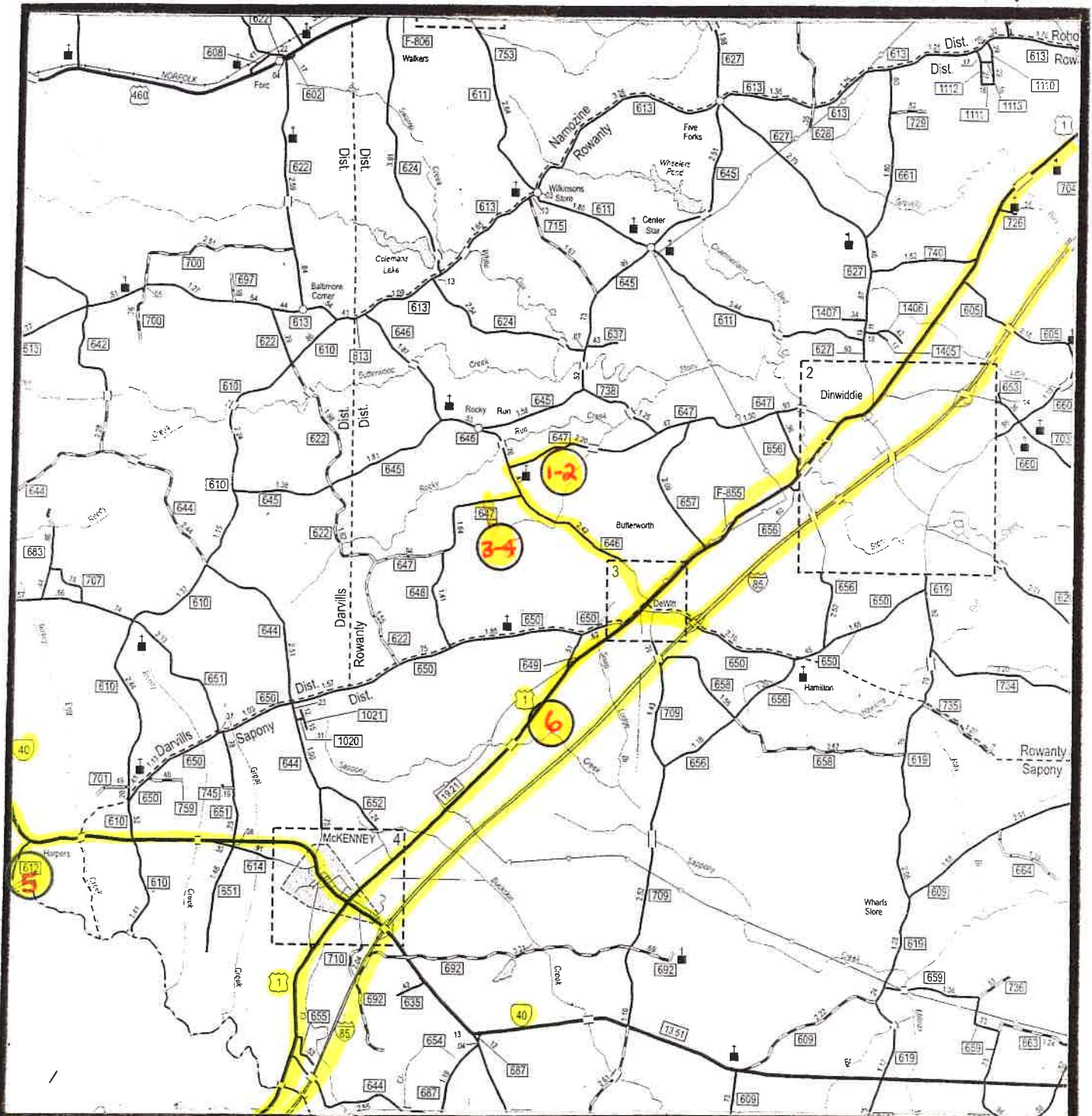
***Field Warnings:***

# MAPS



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



**Scale:** 1 inch = 2 miles

DWGRL 1-4, 6

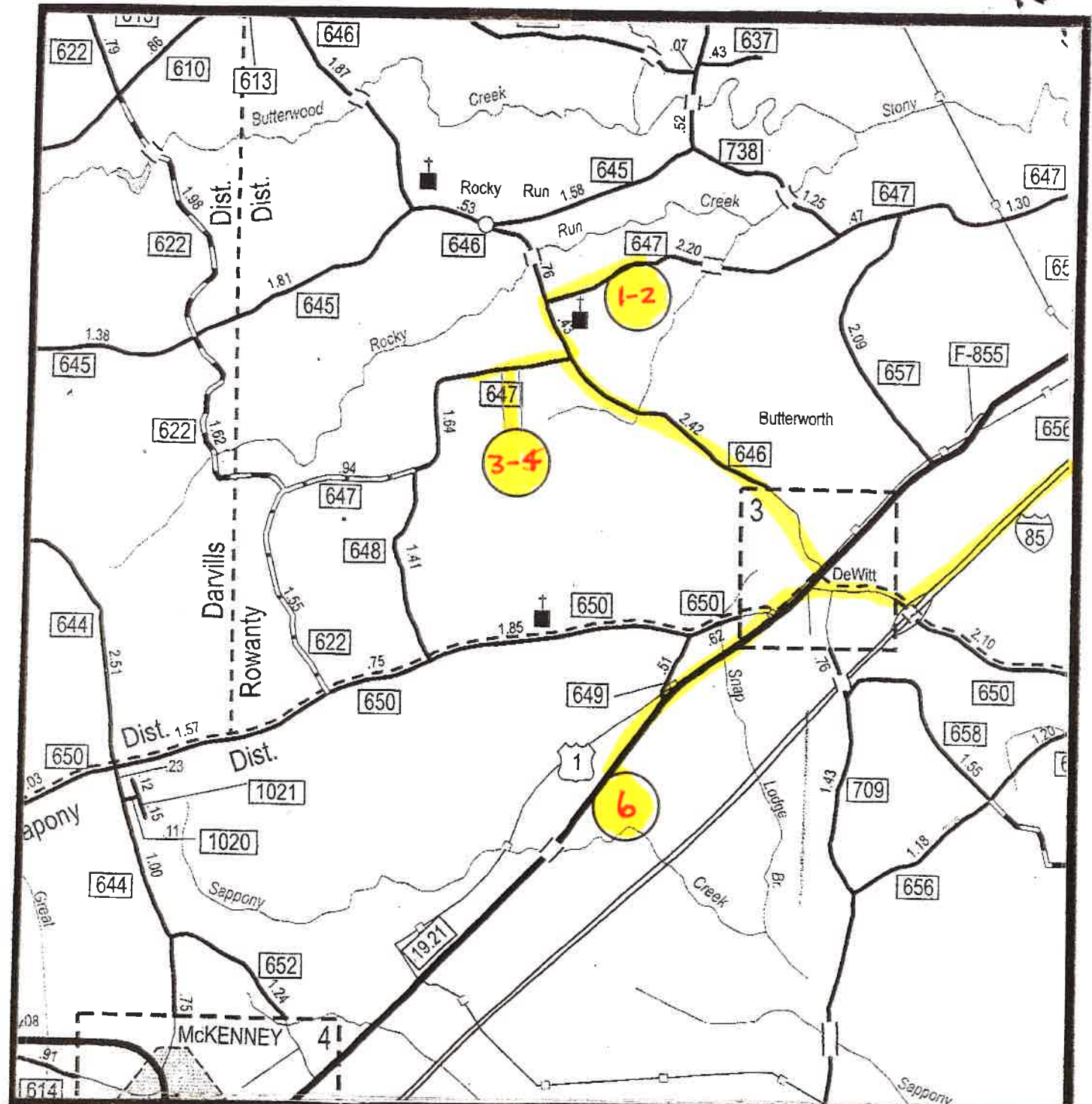
9-30-20  
Truck  
Route

**VICINITY MAP**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale:

1 inch = 1 mile

DWGRL 1-4,6

9-30-20  
Truck  
Route

VICINITY MAP



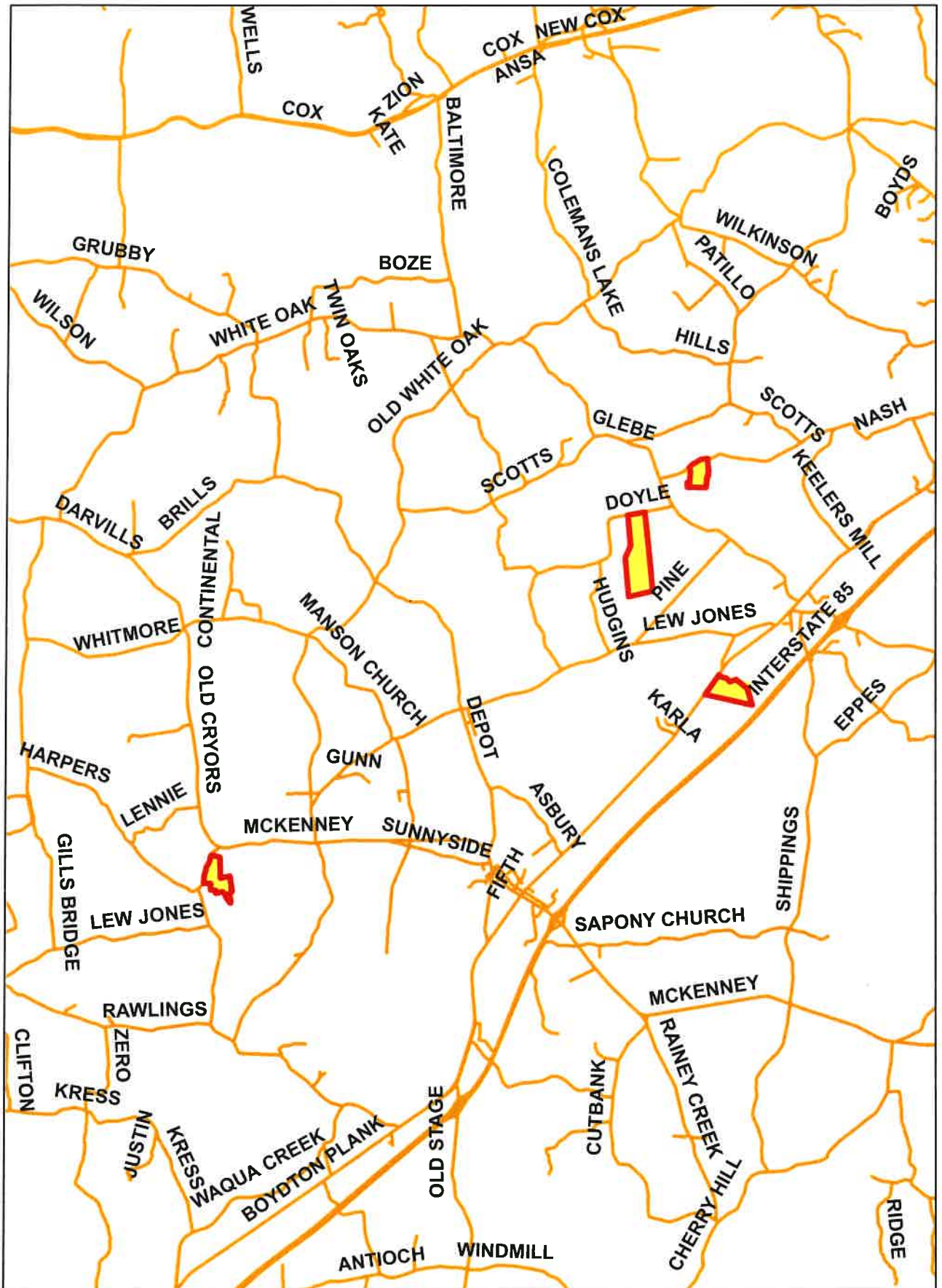


**(Biosolids Land Application)**





Gary R. Lewis DWGRL

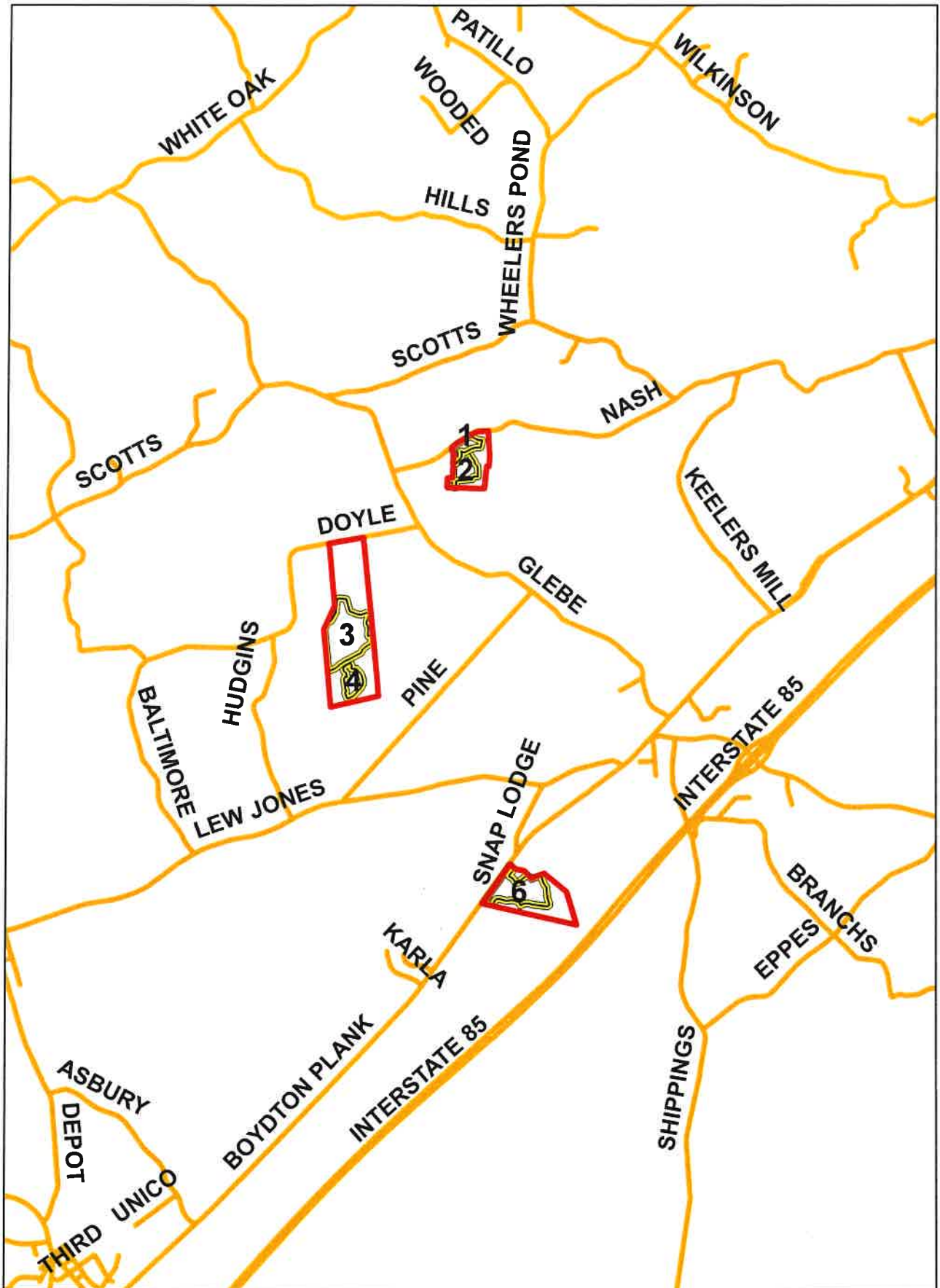


9-30-20

## Vicinity Map

1 in = 2 miles





9-30-20

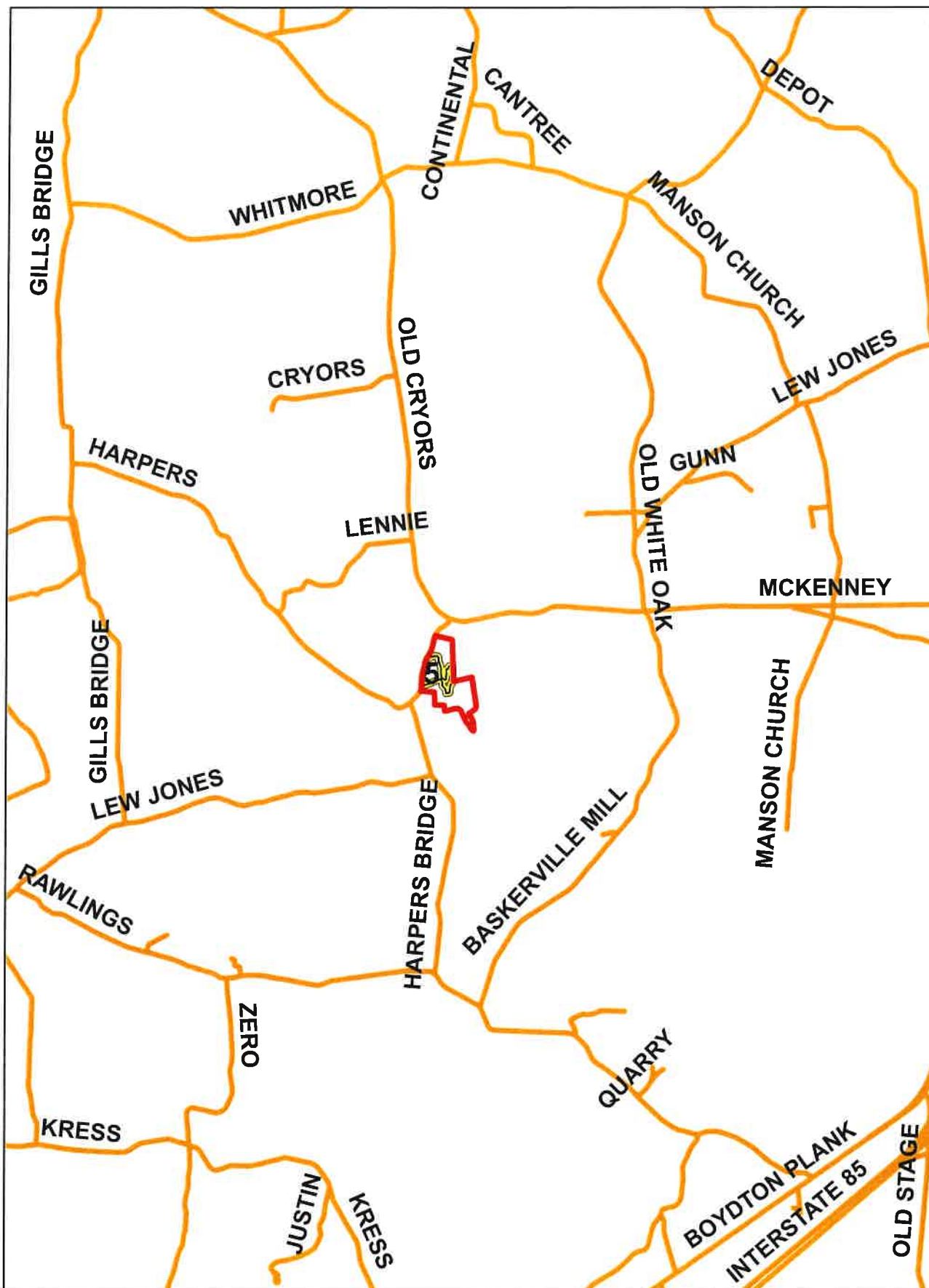
Vicinity Map

1 in = 1 miles



**Recyc Systems<sup>®</sup>**  
Inc.

Gary R. Lewis DWGRL



9-30-20

Vicinity Map

1 in = 1 miles



9-30-20

## Tax Map

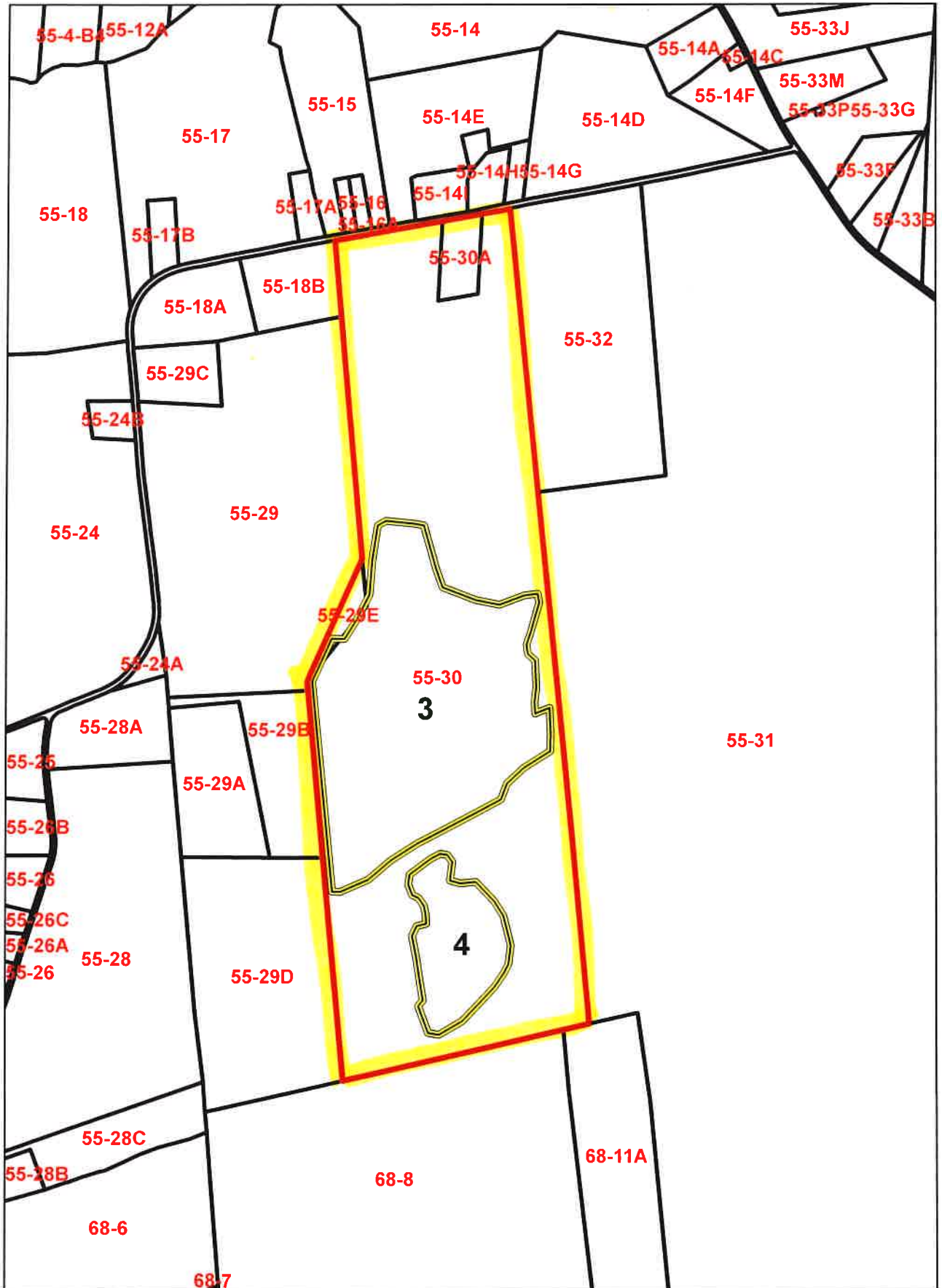
1 in = 660 feet





**Recyc Systems**  
Inc.

Gary R. Lewis DWGRL

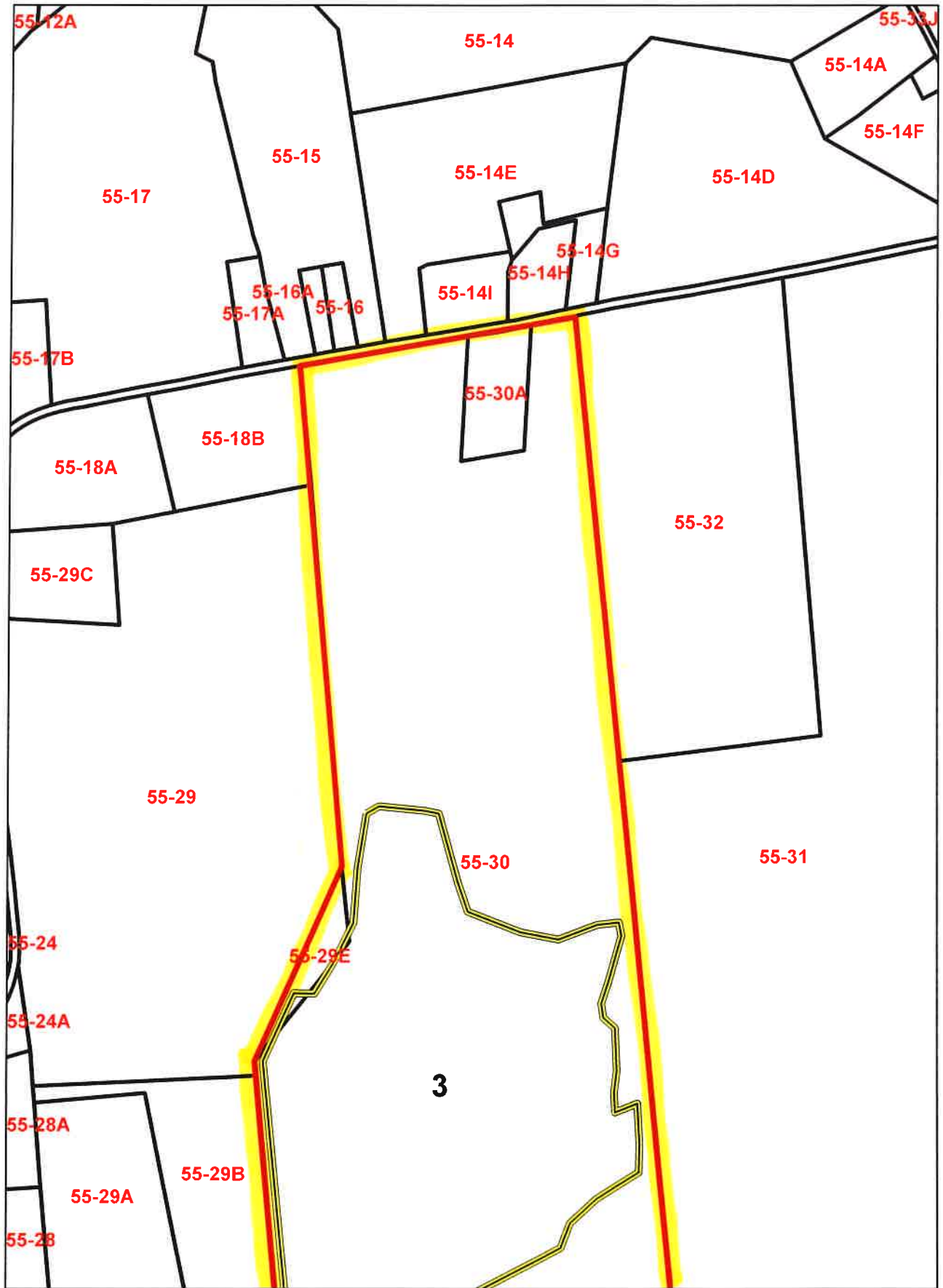


9-30-20

**Tax Map**

1 in = 1,042 feet





9-30-20

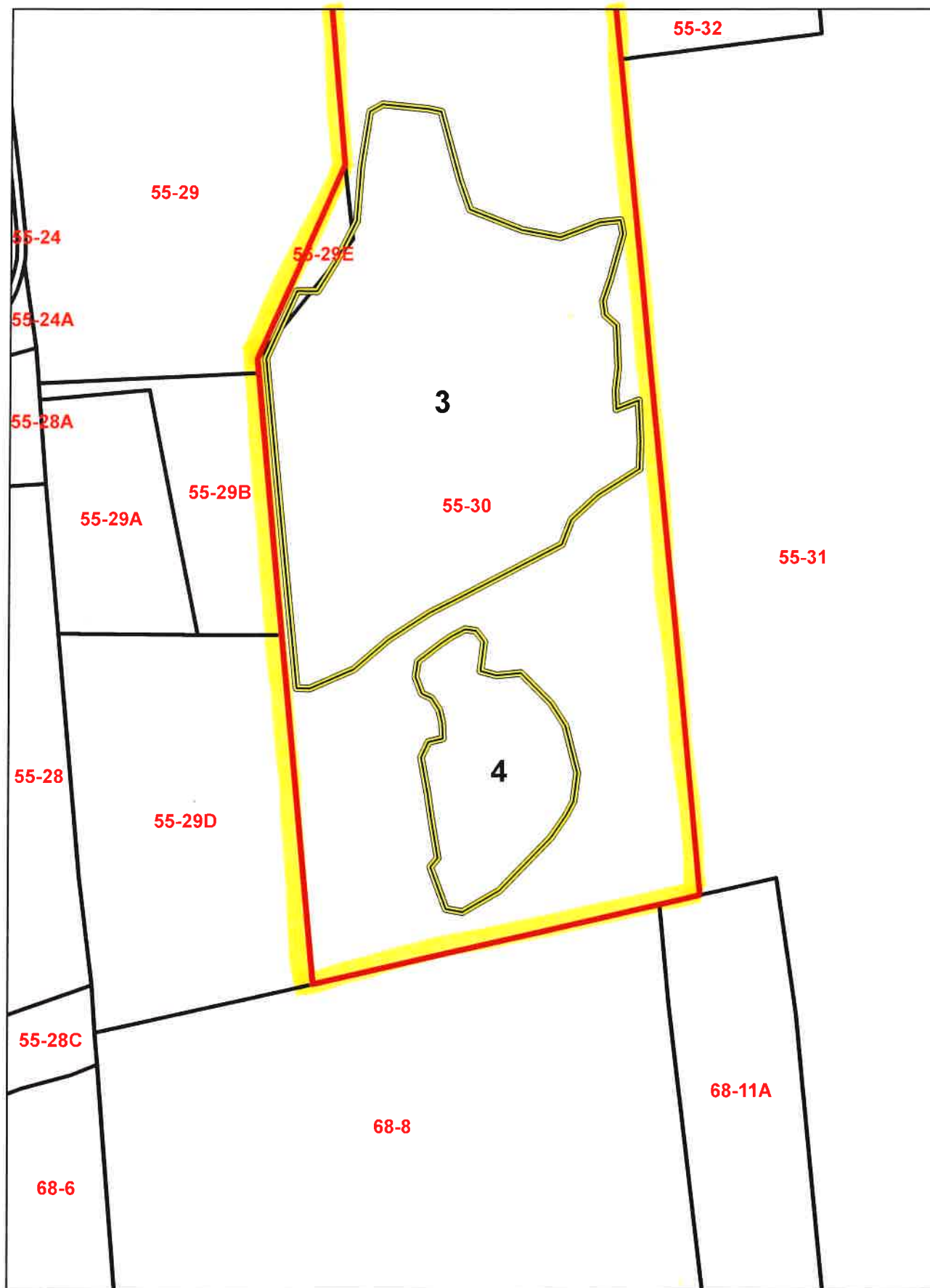
Tax Map

1 in = 660 feet



**Recyc Systems**  
Inc.

Gary R. Lewis DWGRL



9-30-20

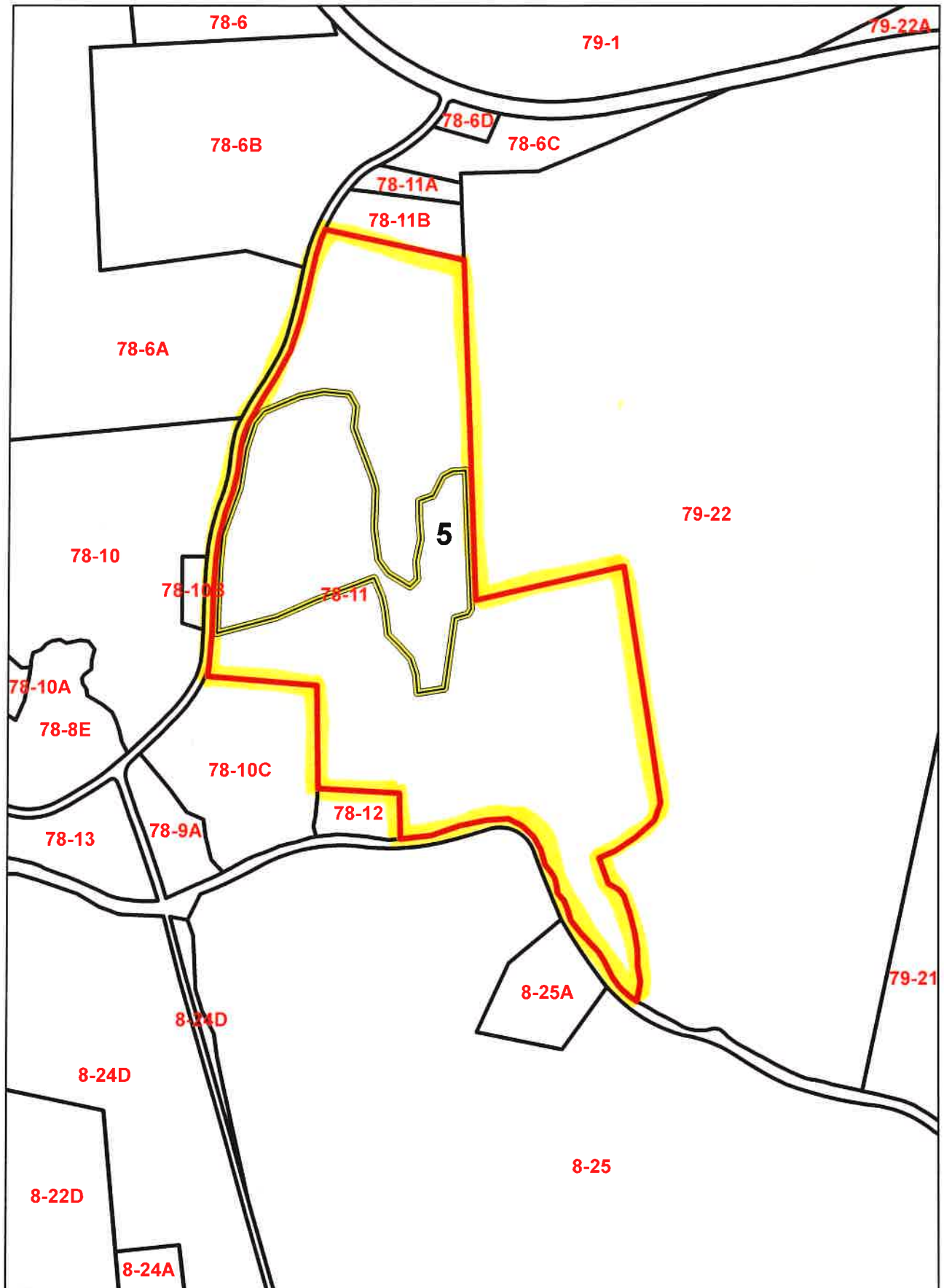
Tax Map

1 in = 660 feet



**Recyc Systems**  
Inc.

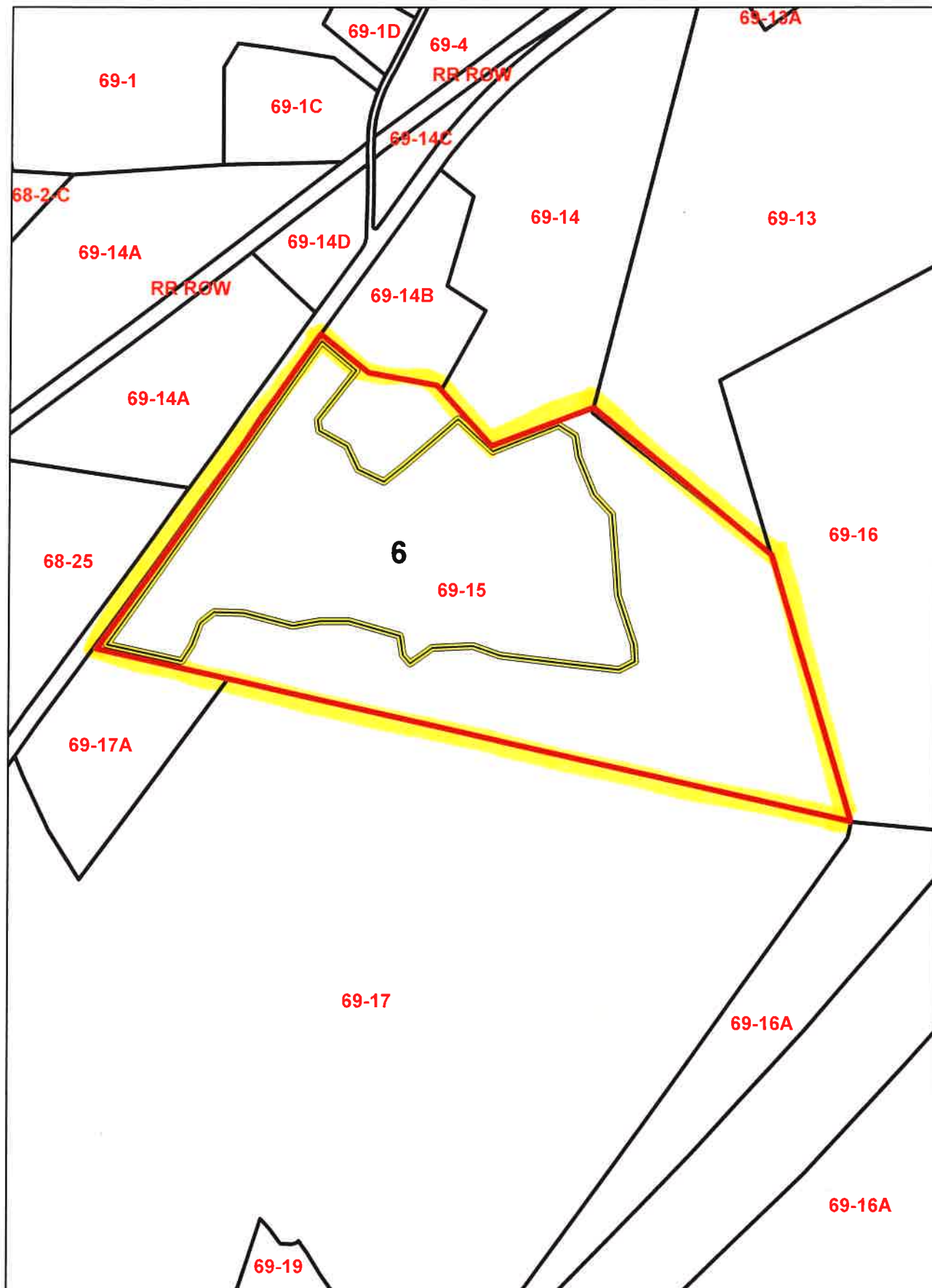
Gary R. Lewis DWGRL



9-30-20

Tax Map

1 in = 660 feet



9-30-20

Tax Map

1 in = 660 feet

# ADJOINING LANDOWNERS

GARY R. LEWIS

## DINWIDDIE COUNTY

Tax Map	Parcel #	Owner Name(s)
55	14E	E A Martin Jr.
	14G	William L. and Susan M. Hayes
	14H	Vicki F. Martin
	14I	Allison D. Martin
	15	R. Marc and Margaret L. Wagy
	16	R. Marc and Margaret L. Wagy
	16A	Tony Edward or Genevieve S. Clayton
	18B	Wallace L. and Junetta J. Reuter c/o Betty Respass
	29	Gray Norwood Jr. and Emily Branch Ragsdale Nuckols
		Revocable Trust of Joyce G. Gibson and Revocable Trust of
	29B	James John Gibson
	29D	Christopher Irving Thompson
	31	Gilman Land and Timber LLC
	32	James A. Blair
	33K	Kenneth R. Harrell
	35	Jonathan P. Bourlier
	35A	Robert M. and Tammy M. Harrell
	35B	Robert M. and Tammy M. Harrell
55-7	1	Steven R. or Donna B. Shifflett
	2	Kent O. Rowe
	3	Robert N. or Jennfier J. Bredbenner
	4	Glenn T. or Audra B. Barricks
56	6A	Walter Wayne and Avis Nunnally Huskey
	6B	John Edwin Temple
	6D	Thomas Ray or Katherine Anne Dillon
	8B	Richard F. and Mary S. Nunnally Life Estate
	8F	Richard Jr. or Lisa Nunnally
	10A	Lois Martin Thompson

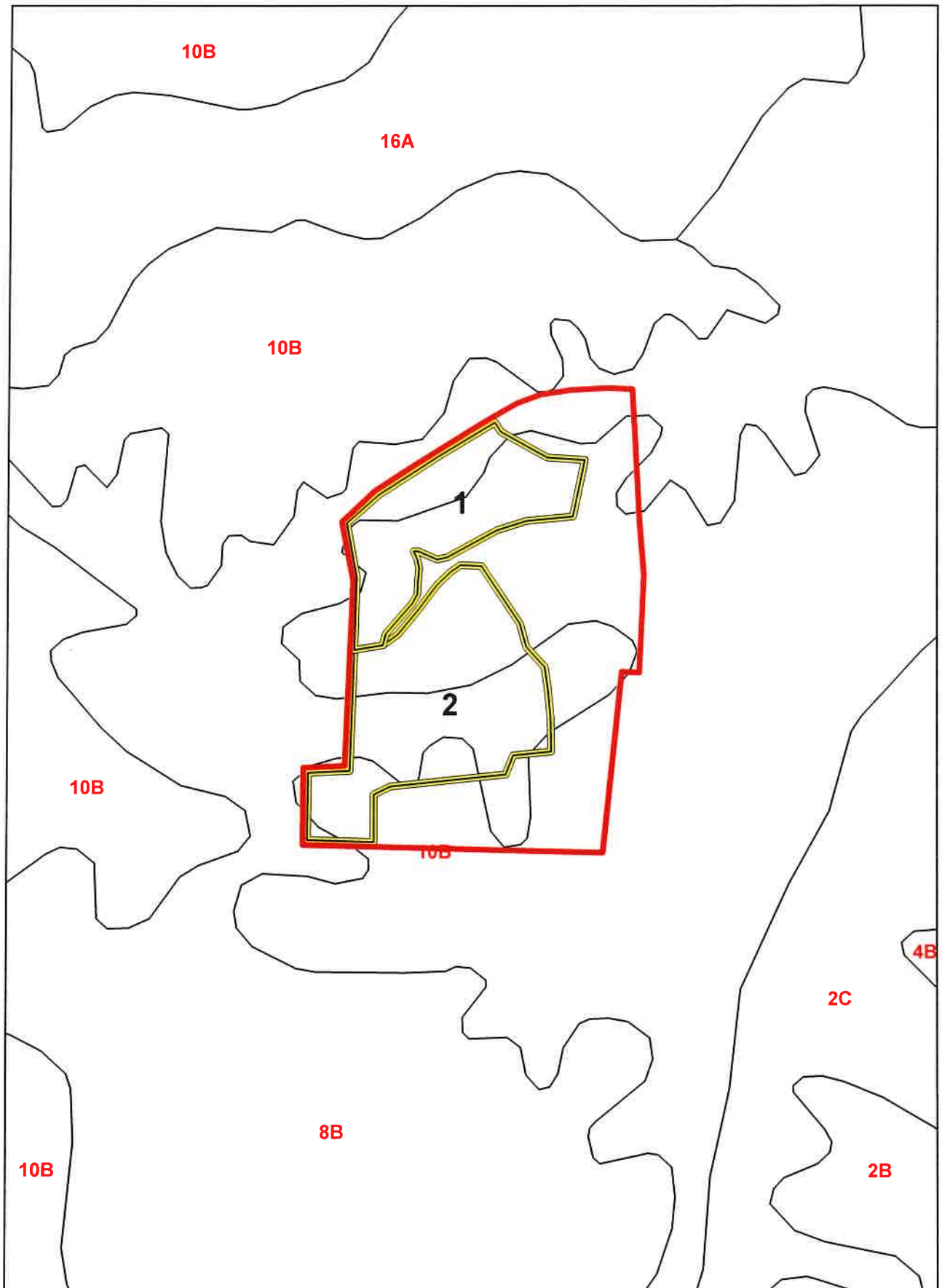
<b>Tax Map</b>	<b>Parcel #</b>	<b>Owner Name(s)</b>
<b>68</b>	8	Stonewall Timberlands LLC
	11A	Dale J. and Ann Y. Morris
	25	William Allen and Regina V. Baxter
<b>69</b>	13	Marvin L. or Connie J. Johnson
	14	Ronald S. and Jane C. Grubb
	14A	Richard E. Lewis Jr. and Julia L. Roberts
	14B	Frank J. Jr. and Alicia M. Crawford
	16	Strickler LLC
	16A	Imphal Timber LLC c/o Timberland Investment Resources LLC
	17	James A. Beville Jr.
	17A	James A. Beville Jr.
<b>78</b>	6A	Tiaa Timberlands 1 LLC c/o Greenwood Resources Inc.
	6B	John P. Jr. or Sherrill F. Mellick
	10	Joseph Lee and Anne Maria Brewster
	10B	Jane Ann Byrd
	10C	Secretary of Veterans Affairs Loan Guaranty Service
	11B	Robin Lynn Rasnake
	12	Bruce Edward Cantrell
<b>79</b>	22	Annsville Timber Company LLC
<b>BRUNSWICK COUNTY</b>		
<b>8</b>	25 25A	Ward Burton Wildlife Foundation Edward E. Baskerville





**Recyc Systems**  
Inc.

Gary R. Lewis DWGRL



9-30-20  
Frequently  
Flooded

**Soil Map**

1 in = 660 feet

[illegible]

9-30-20  
Frequently  
Flooded

## Soil Map

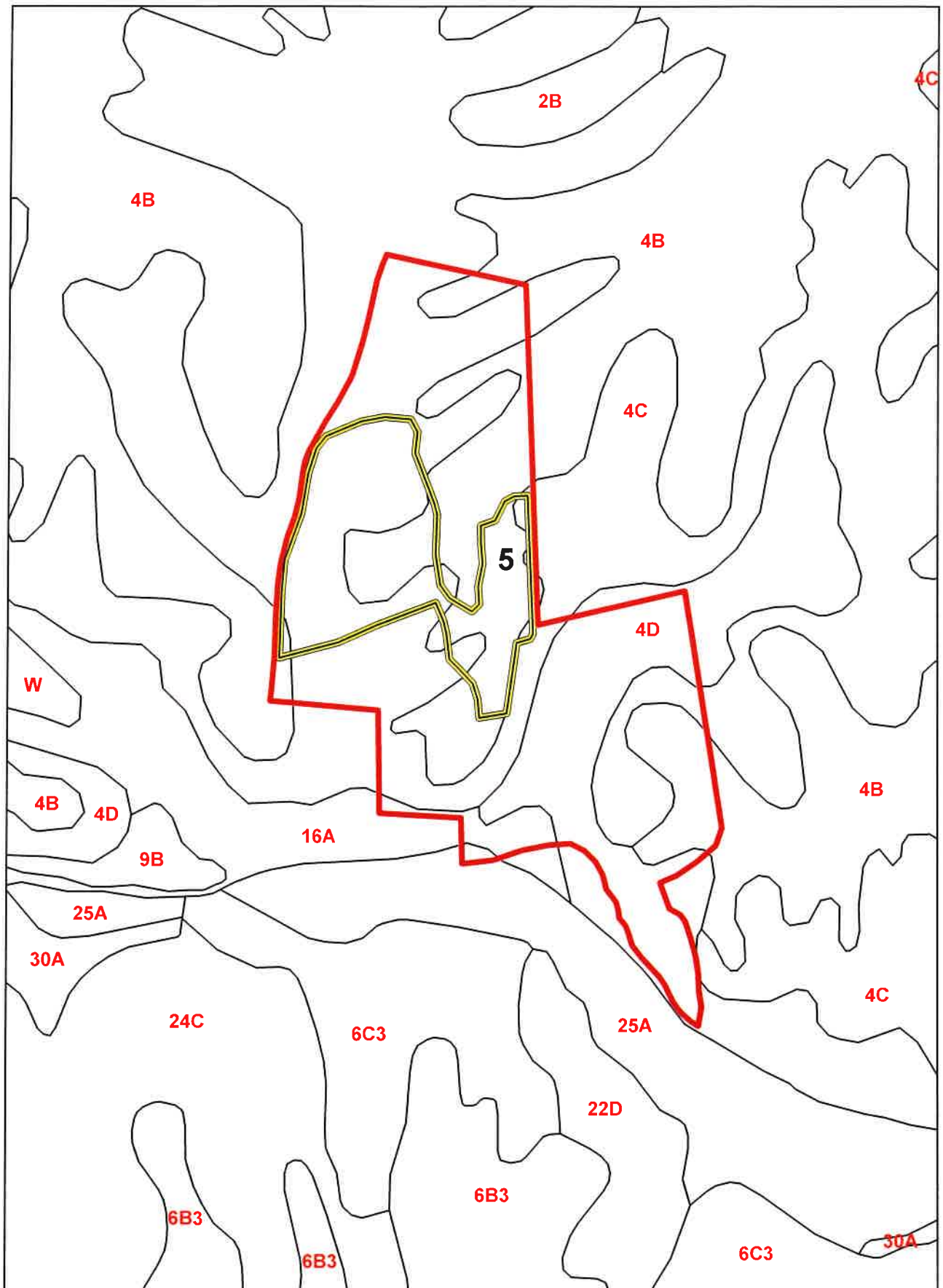
1 in = 660 feet





**Recyc Systems**  
Inc.

Gary R. Lewis DWGRL



9-30-20  
Frequently  
Flooded

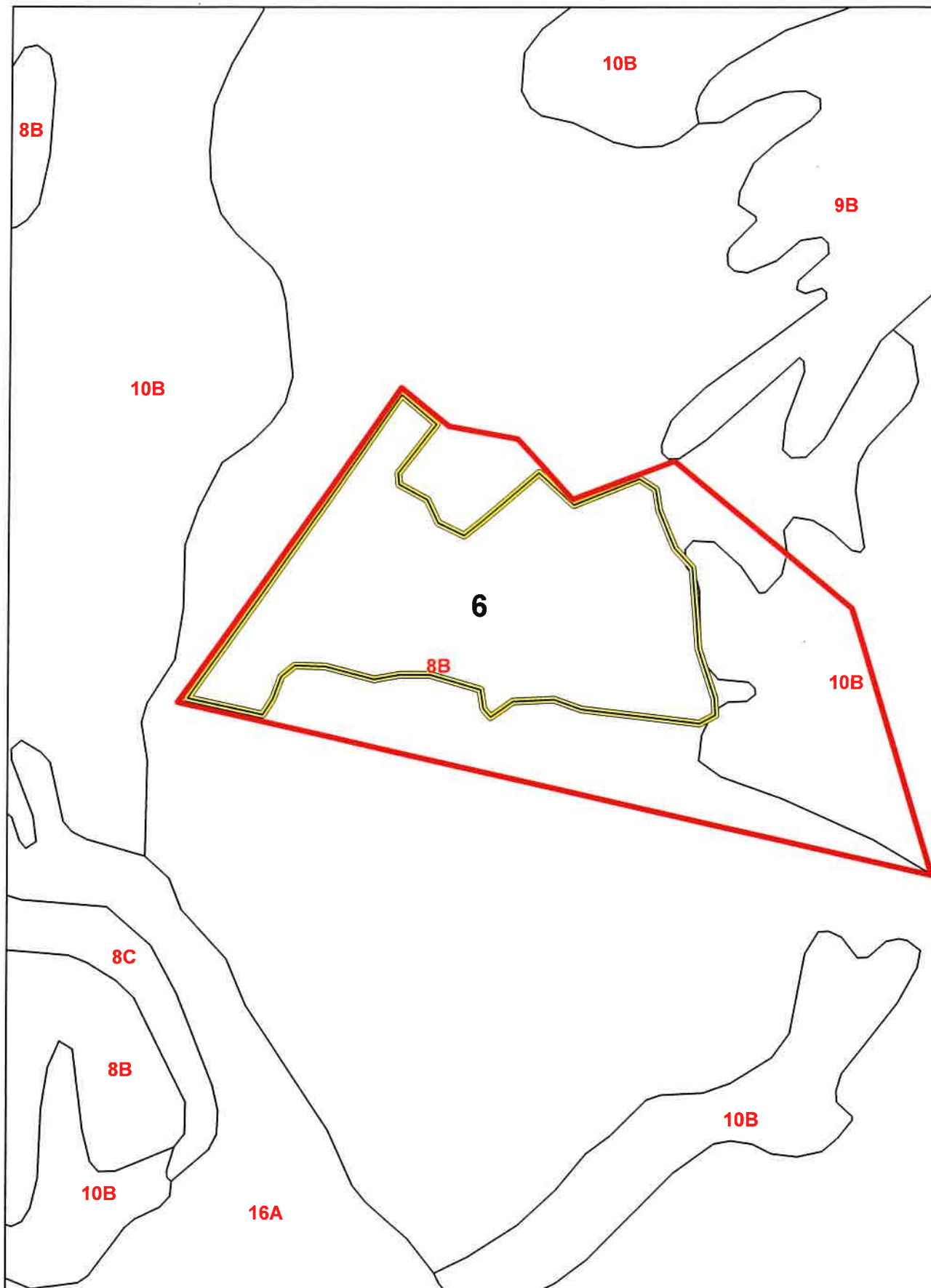
**Soil Map**

1 in = 660 feet



**Recyc Systems**  
Inc.

Gary R. Lewis DWGRL



9-30-20  
Frequently  
Flooded

Soil Map

1 in = 660 feet





Field Id	Gross Acres
DWGRL 1	11.8
DWGRL 2	18.8
DWGRL 3	69.8
DWGRL 4	15.1
DWGRL 5	20.4
DWGRL 6	46.4
TOTAL	182.3



9-30-20

**Aerial Map**

1 in = 660 feet





Field Id	Gross Acres
DWGRL 1	11.8
DWGRL 2	18.8
DWGRL 3	69.8
DWGRL 4	15.1
DWGRL 5	20.4
DWGRL 6	46.4
TOTAL	182.3



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

9-30-20

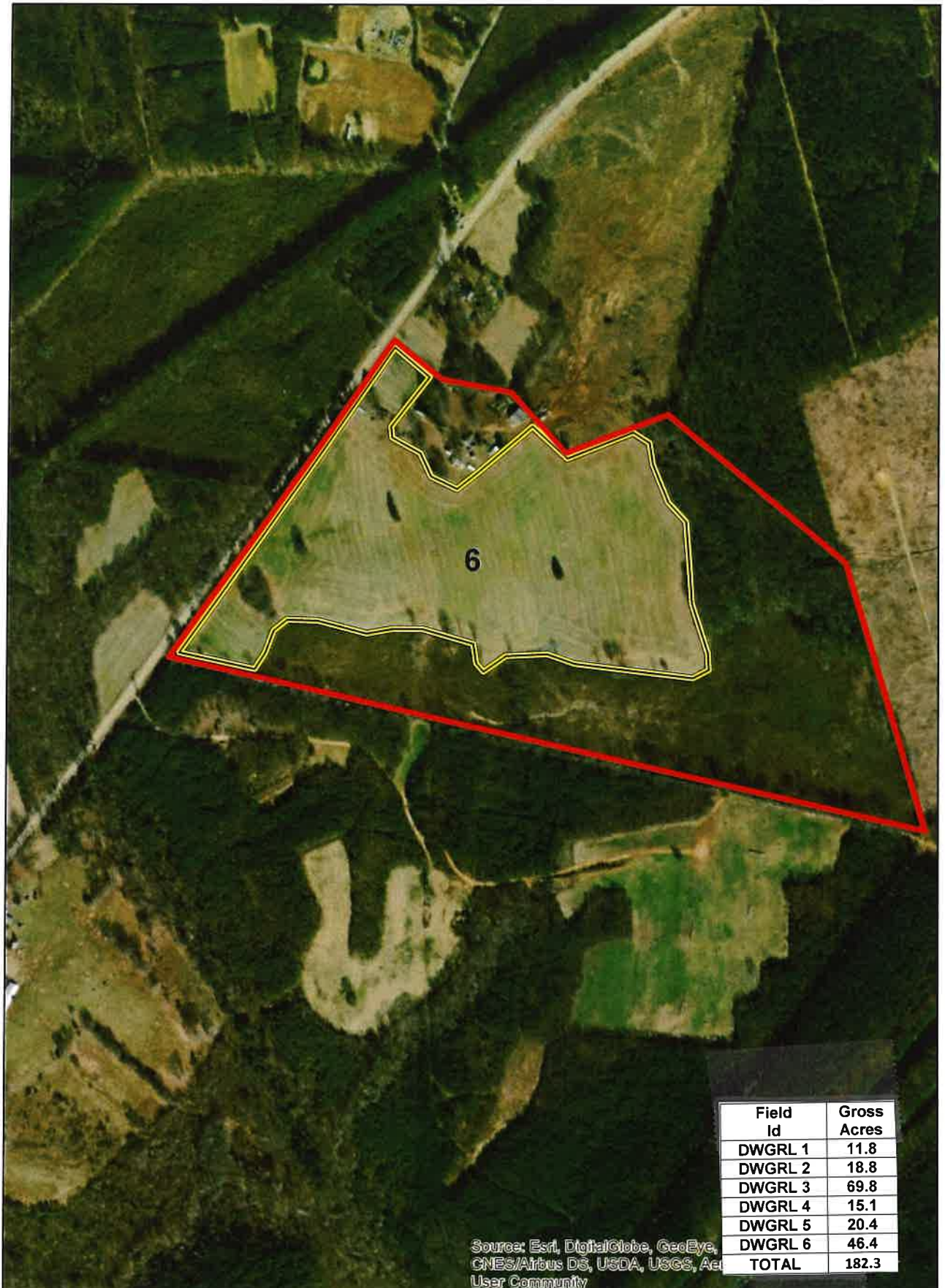
Aerial Map

1 in = 660 feet



























9-30-20

Aerial Map

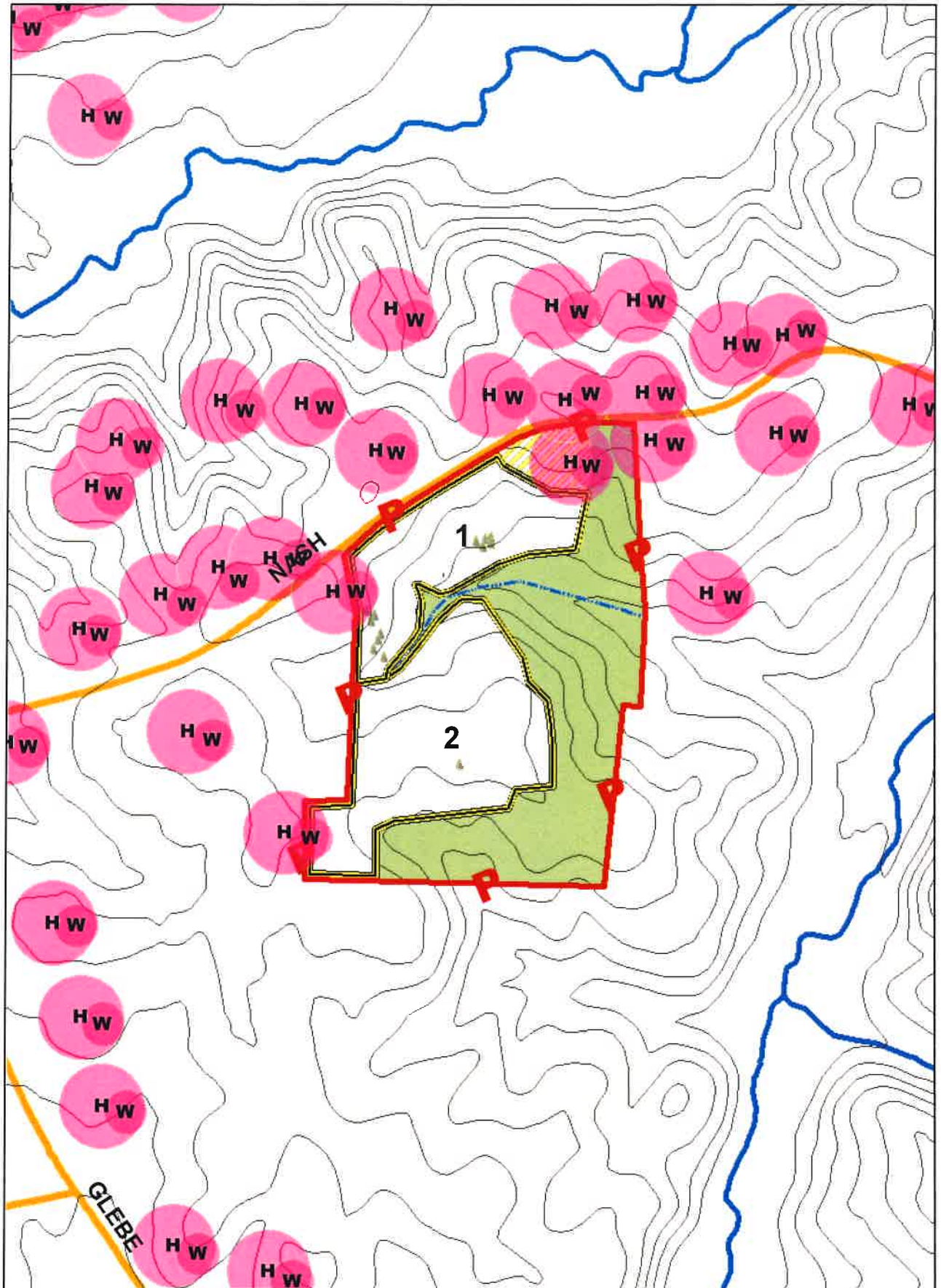
1 in = 660 feet

# Legend For Site Plan

Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
  	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
 	Slope	15% maximum
	Hashed out Area	No application

\*Buffer can be reduced or waived upon written consent from landowner.



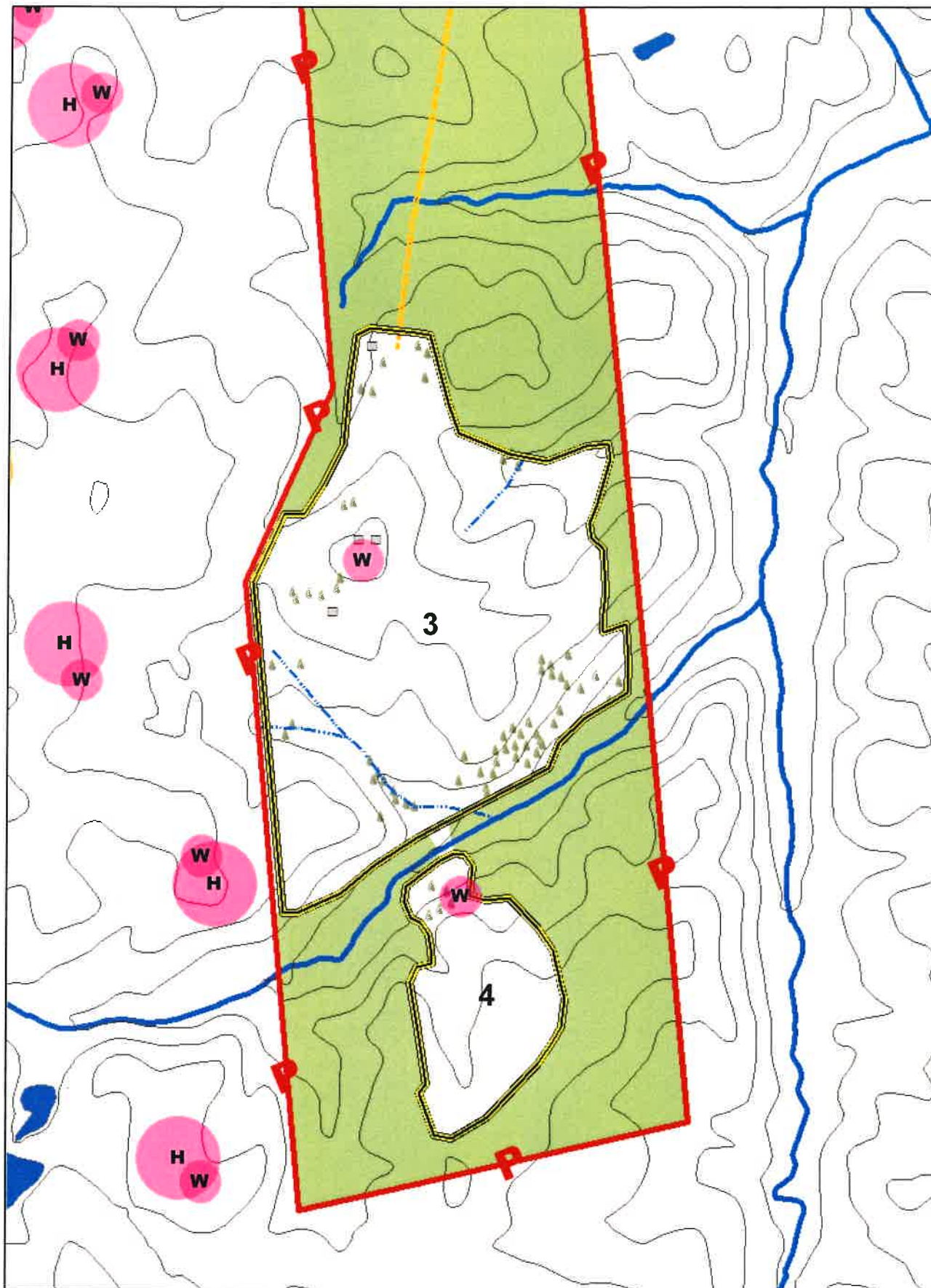


9-30-20

Site Map

1 in = 660 feet

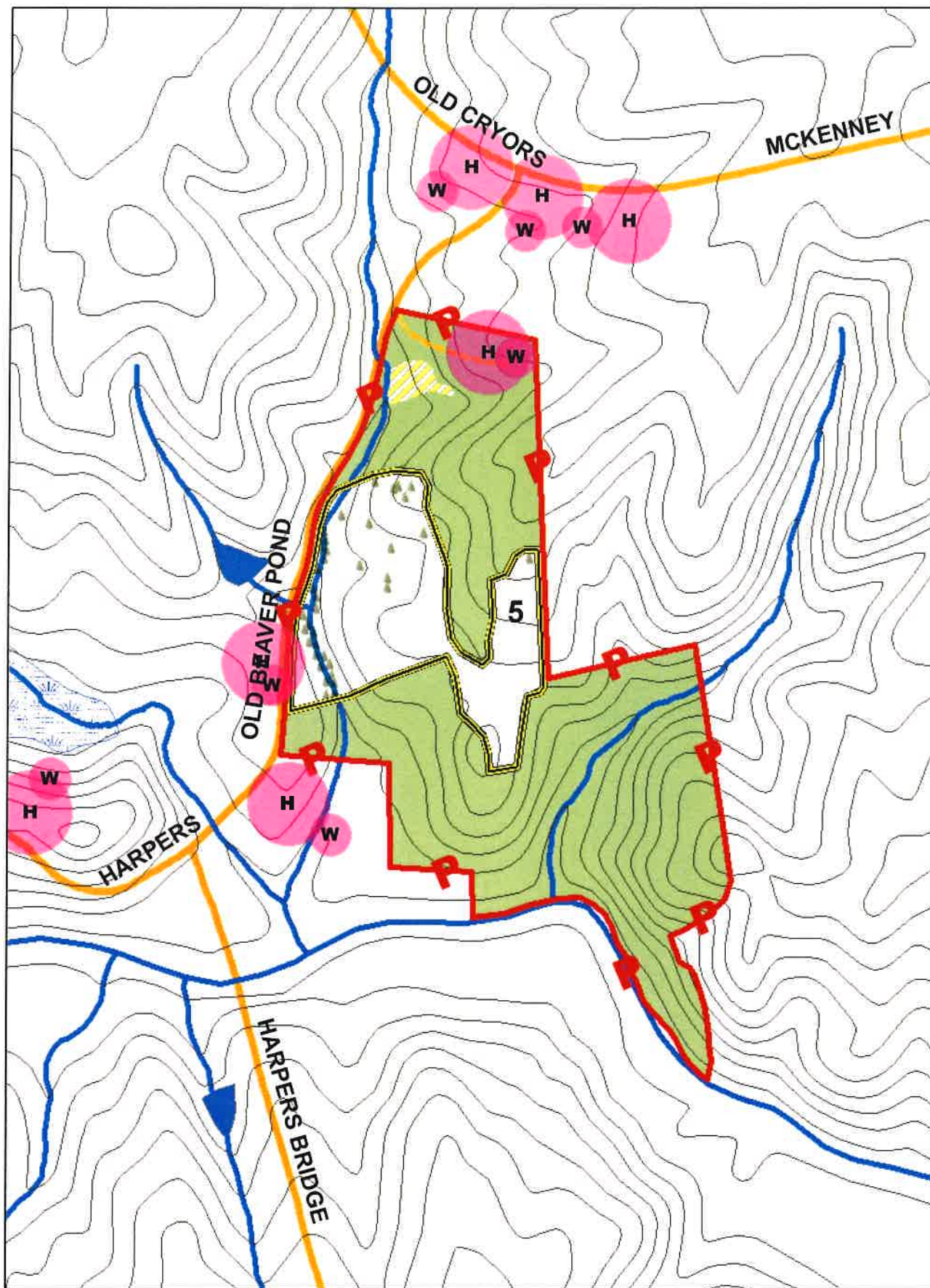




9-30-20

Site Map

1 in = 660 feet

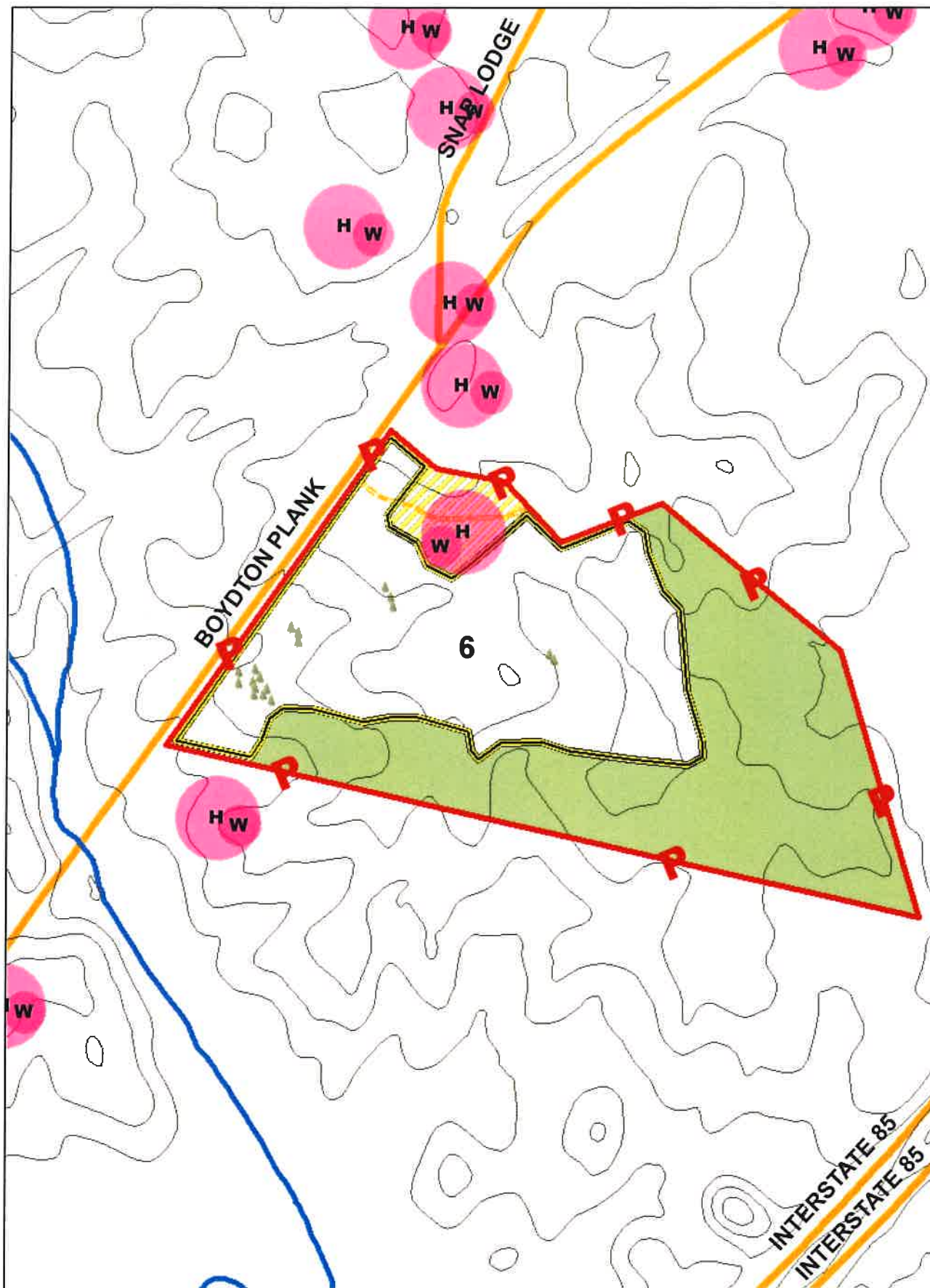


9-30-20

Site Map

1 in = 660 feet



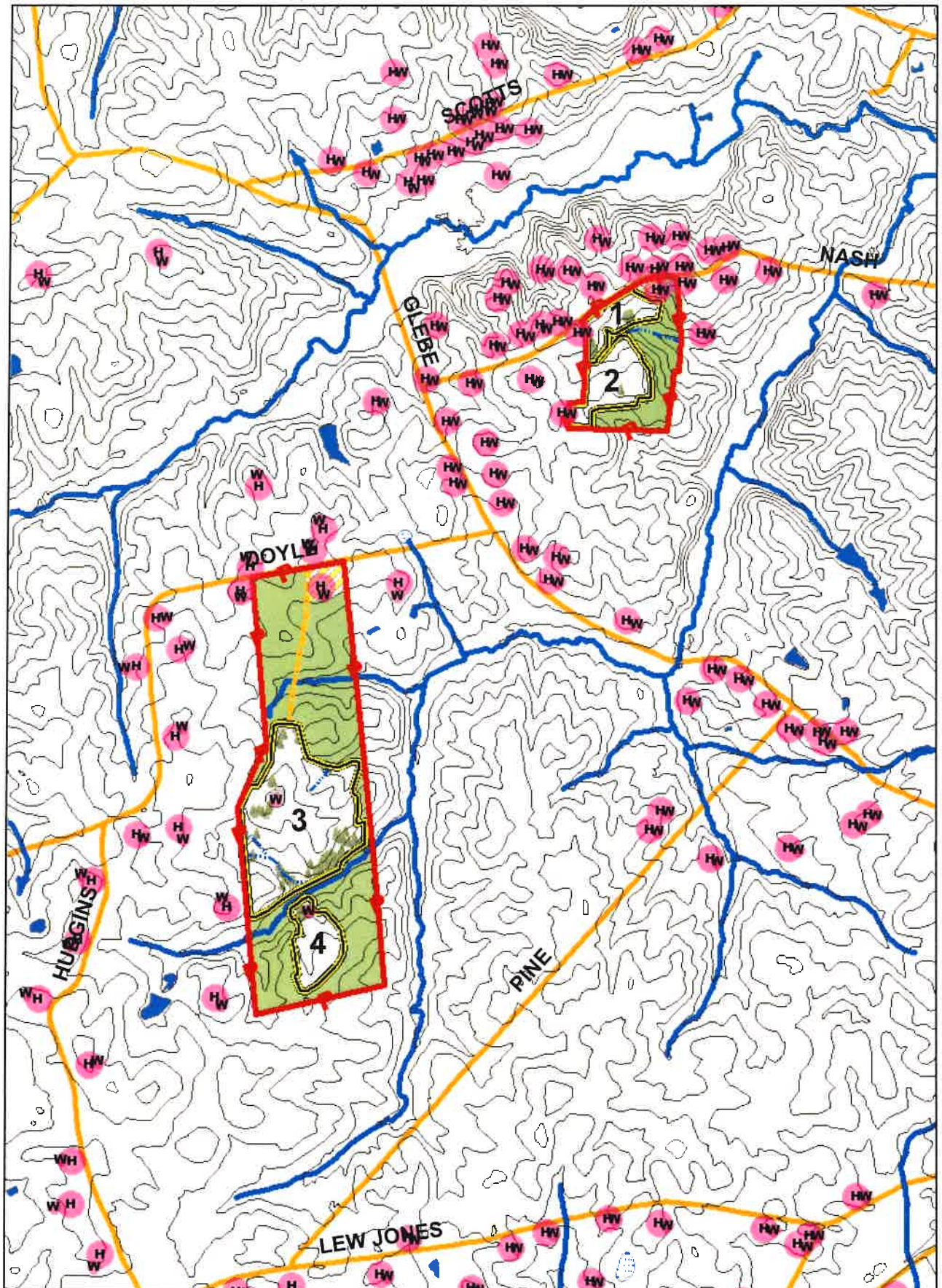


9-30-20

Site Map

1 in = 660 feet





9-30-20

Topographic Map

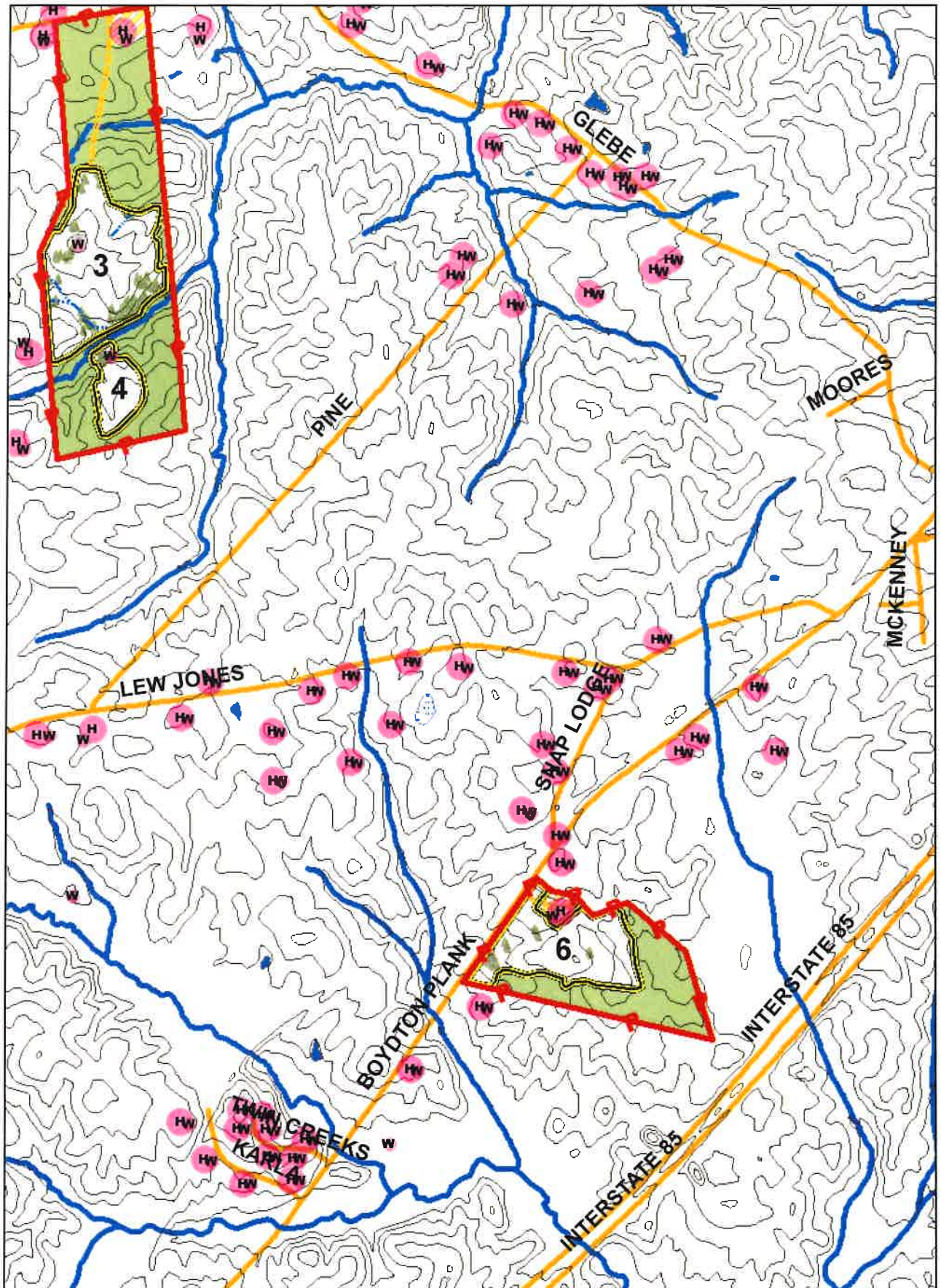
1 in = 2,000 feet





**Recyc Systems<sup>®</sup>**  
Inc.

Gary R. Lewis DWGRL

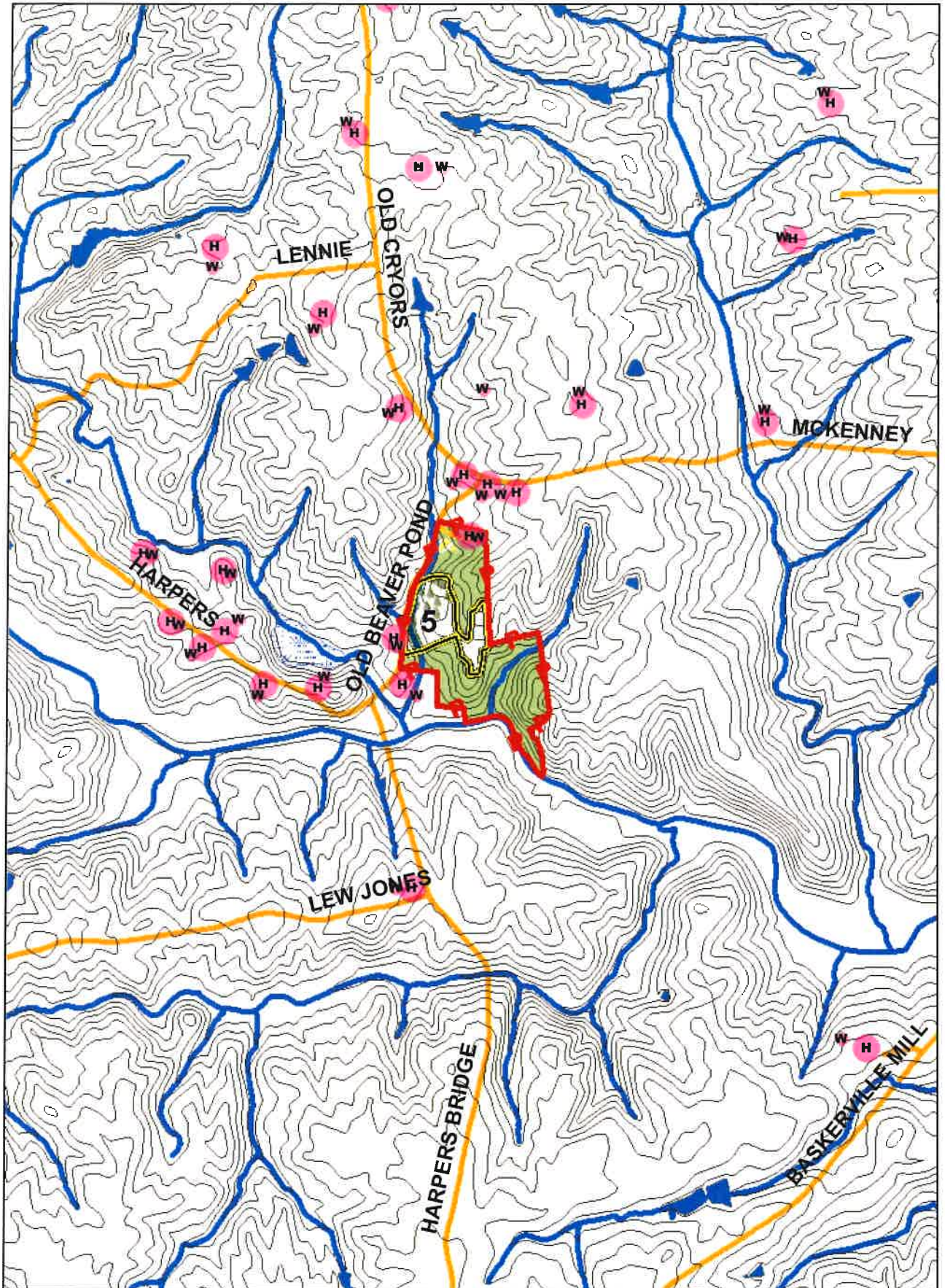


9-30-20

Topographic Map

1 in = 2,000 feet





9-30-20

Topographic Map

1 in = 2,000 feet